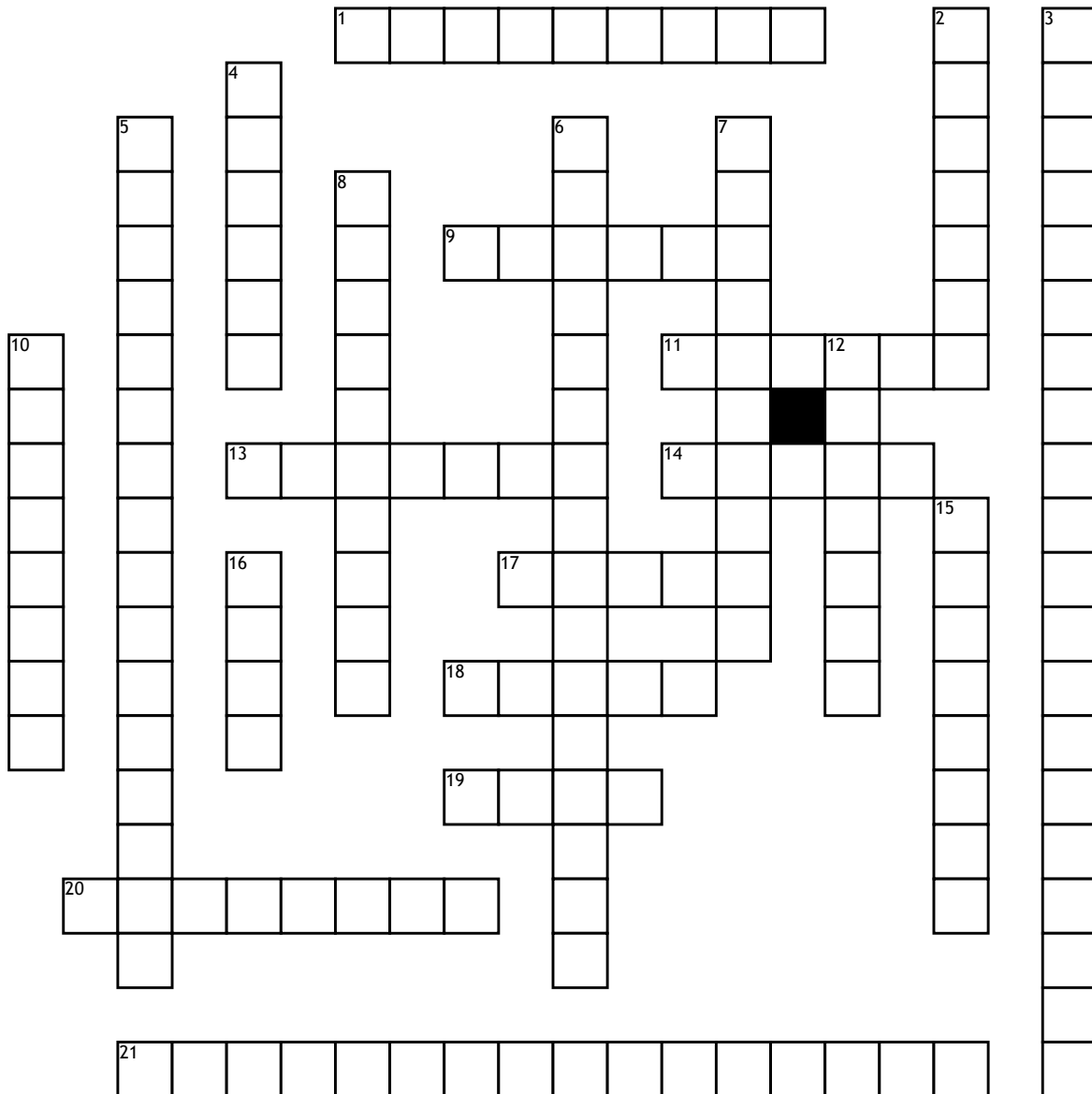


Name: _____

Work and Energy Vocab



Across

- 1. energy that is stored as a result of position or shape
- 9. has magnitude only
- 11. has magnitude and direction
- 13. energy of motion
- 14. rate of doing work
- 17. unit of work
- 18. kinetic energy depends upon an objects _____
- 19. unit of power
- 20. distance and force are in the same direction which results in _____ work

Down

- 21. associated with electricity
- 2. energy stored in atomic nuclei
- 3. law that states energy cannot be created or destroyed
- 4. ability to do work
- 5. energy can be converted from one form to another
- 6. energy of an object that is stretched or compressed
- 7. 746W is equivalent to this unit of power

- 8. energy associated with the motion and position of everyday objects
- 10. distance and force are in opposite directions which results in _____ work
- 12. as this energy increases, the temperature of the object increases
- 15. energy stored in chemical bonds
- 16. product of force and distance